Abstract

A System ~~Systems~~ for Protection Link Supervision

In a transmission network utilizing link fault protection between nodes, a working and a standby transmission line are terminated at each node with termination boards. The termination boards are adapted to report faults to a link supervision block. The link supervision block is adapted to switch between transmission lines in case of a fault. One or more persistency timers are coupled between the termination boards and the supervision block. A predetermined persistency period is applied to received fault cause(s) from the termination boards and correlated. The persistence of the correlation result is also timed and traffic is switched from one of the transmission lines to the other according to a predetermined correlation result persistency timer period.